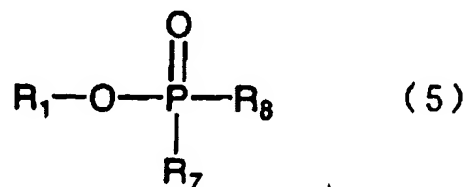


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A phosphorus-containing urethane (meth)acrylate compound obtained by reacting (A) a polyol compound comprising (A1) a phosphorus-containing polyol having a phosphorus atom, represented by the following general formula (5):



where R₁ is hydrogen, C₁₋₁₈ alkyl or C₆₋₂₀ aryl, R₇ is C₁₋₁₈ alkyl or C₆₋₂₀ aryl, and R₈ is a group selected from the group consisting of polyhydroxyalkyl, polyhydroxyaryl, polyhydroxyalkylaminoalkyl, polyhydroxyarylaminoalkyl, polyhydroxyalkylaminoaryl, polyhydroxyarylaminoaryl, polyhydroxyalkyloxycarbonylalkyl, polyhydroxyalkyloxycarbonylaryl, polyhydroxyaryloxycarbonylalkyl and polyhydroxyaryloxycarbonylaryl, and (A2-1) a carboxyl group-containing, phosphorus-free polyol having one or more carboxyl groups and two or more alcoholic hydroxyl groups, with (B) a bifunctional or greater polyisocyanate having two or more functional groups and (C) a hydroxyl group-containing (meth)acrylate.

2-7. (canceled).

8. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to claim 1, ~~characterized in that~~ wherein the proportion of the phosphorus-containing

polyol (A1) in the polyol compound (A) which comprises the phosphorus-containing polyol (A1) and a phosphorus-free polyol (A2), is 30-100 wt% with respect to the total of the polyol compound (A).

9. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to claim 1, ~~characterized in that~~wherein the phosphorus content of the phosphorus-containing polyol (A1) is 5 wt% or greater.

10. (canceled).

11. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to ~~claim 10~~claim 1, ~~characterized in that~~wherein the carboxyl group-containing polyol (A2-1) is at least one branched or linear dihydroxyalkanoic polycarboxylic acid ~~selected from the group consisting of dimethylolpropionic acid and dimethylolbutanoic acid.~~

12-13. (canceled).

14. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to claim 1, ~~characterized in that~~wherein the ~~bifunctional or greater~~ polyisocyanate having two or more functional groups (B) is at least one selected from the group consisting of 2,4-toluene diisocyanate, 2,6-toluene diisocyanate, isophorone diisocyanate, hexamethylene diisocyanate, diphenylmethylene diisocyanate, (o, m or p)-xylene diisocyanate, methylenebis (cyclohexyl isocyanate), trimethylhexamethylene diisocyanate, cyclohexane-1,3-dimethylene diisocyanate, cyclohexane-1,4-dimethylene diisocyanate and 1,5-naphthalene diisocyanate.

15. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to claim 1, ~~characterized in that~~wherein the hydroxyl group-containing

(meth)acrylate (C) is at least one selected from the group consisting of 2-hydroxyethyl (meth)acrylate, hydroxypropyl (meth)acrylate, hydroxybutyl (meth)acrylate, caprolactone or alkylene oxide adducts of any of the above acrylates, glycerin mono(meth)acrylate, glycerin di(meth)acrylate, glycidyl methacrylate-acrylic acid adduct, trimethylolpropane mono(meth)acrylate, trimethylol di(meth)acrylate, pentaerythritol tri(meth)acrylate, dipentaerythritol penta(meth)acrylate, ditrimethylolpropane tri(meth)acrylate and trimethylolpropane-alkylene oxide adduct-di(meth)acrylate.

16. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to claim 1, ~~characterized in that~~wherein the acid value of the solid portion is 5-150 mgKOH/g.

17. (currently amended): The phosphorus-containing urethane (meth)acrylate compound according to claim 1, ~~characterized in that~~wherein the weight-average molecular weight is 1,000-40,000.

18. (withdrawn): A process for producing a phosphorus-containing urethane (meth)acrylate compound characterized by comprising polyaddition reaction of (A) a polyol compound comprising (A1) a phosphorus-containing polyol with (B) a bifunctional or greater polyisocyanate to form a urethane oligomer with isocyanate groups at both ends; and addition polymerization of (C) a hydroxyl group-containing (meth)acrylate to said urethane oligomer.

19. (withdrawn): The process for production of a phosphorus-containing urethane (meth)acrylate compound according to claim 18, characterized in that the polyol compound (A) includes a carboxyl group-containing polyol having one or more carboxyl groups and two or more alcoholic hydroxyl groups.

20. (withdrawn): The process for production of a phosphorus-containing urethane (meth)acrylate compound according to claim 18, characterized in that the polyol compound (A) includes at least one selected from the group consisting of polyether polyols, polyester polyols, polylactone-based polyols and polycarbonate polyols.

21. (withdrawn): A photosensitive composition comprising the phosphorus-containing urethane (meth)acrylate compound according to any one of claims 1 to 17.

22. (withdrawn): The photosensitive composition according to claim 21, characterized by comprising a phosphorus-free urethane (meth)acrylate compound obtained by reacting (A2) a phosphorus-free polyol having no phosphorus atoms, (B) a bifunctional or greater polyisocyanate and (C) a hydroxyl group-containing (meth)acrylate.

23. (withdrawn): The photosensitive composition according to claim 21, characterized by comprising a photopolymerizing monomer and/or a photopolymerizing oligomer.

24. (withdrawn): The photosensitive composition according to claim 21 which contains a photopolymerization initiator in a range of 0.2-20 parts by weight to 100 parts by weight of the photocuring component.

25. (withdrawn): The photosensitive composition according to claim 21, characterized by containing a thermosetting resin in a range of 5-40 wt% of the total photosensitive composition.

26. (withdrawn): The photosensitive composition according to claim 21, characterized in that the proportion of the phosphorus-free urethane (meth)acrylate compound is in a range of 0-70 wt% with respect to the total of the urethane (meth)acrylate compound.

27. (withdrawn): The photosensitive composition according to claim 21, characterized in that the amount of the phosphorus-containing urethane (meth)acrylate compound is in a range of 10-90 wt% of the total photosensitive composition.

28. (withdrawn): A cured photosensitive composition according to claim 21.

29. (canceled).

30. (withdrawn): A coverlay film for a printed wiring board employing a composition comprising a phosphorus-containing urethane (meth)acrylate compound according to any one of claims 1 to 17.

31. (withdrawn): A solder resist for a printed wiring board employing a composition comprising a phosphorus-containing urethane (meth)acrylate compound according to any one of claims 1 to 17.